



**PATENT** 

## IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of	
Sapse, Alfred T.	Group Art Unit 1643
Application No. 09/234,532	Examiner: H. OWENS, JR.
Filed: January 21, 1999  For: COMPOSITIONS OF ANTI-HIV AND ANTI-CORTISOL COMPOUNDS AND METHODS FOR DECREASING THE SIDE	CERTIFICATE OF MAILING BY "EXPRESS MAIL"  "Express Mail" mailing label number El989703489US  Date of Deposit: September 8, 2003  I hereby certify that this paper or fee is being deposited with the US. Postal Service "Express Mail Post Office to addressee" under 37 CFR 1.10 on the date indicated above and is addressed to: Commissioner for Patents, Alexandria, VA
EFFECTS OF ANIT-HIV DRUGS IN A HUMAN	) Timothy Hubalik

## SUPPLEMENTAL DECLARATION OF DR. VASSILIOS PAPADOPOULOS UNDER 37 C.F.R. §1.132 IN SUPPORT OF PATENTABILITY

Commissioner for Patents P.O. Box 1450 Alexandria, VA 22313-1450

- I, Dr. Vassilios Papadopoulos, being duly cautioned declare as follows:
- I am a professor and chair of the Department of Biochemistry and Molecular
   Biology at Georgetown University Medical Center.
- 2. I have been a professor at Georgetown University Medical Center since 1988.
- I previously submitted a §132 Declaration supporting the patentability of the invention disclosed in this application on September 18, 2000.
- 4. In the Declaration, I discussed the results of a study conducted at Georgetown
  University Medical Center and released in May 2000. The results showed that a
  combination of procaine, zinc sulfate heptahydrate and ascorbic acid has a cortisol

inhibition effect that is more elevated than the coritsol inhibition effect of each ingredient administered separately (a synergistic effect). The combination of procaine, zinc sulfate heptahydrate and ascorbic acid led to a clear and extremely significant cortisol inhibition.

- 5. In the September 18, 2000 Declaration, I did not include the actual data from this study.
- 6. The results obtained from this study are attached as Exhibit A.
- All statements made of my own knowledge are true and all statements made on information and belief are believed to be true.
- 8. I have been warned that willful false statements and the like are punishable by fine or imprisonment, or both (18 U.S.C. 1001) and may jeopardize the validity of the application or any patent issuing thereon.

9/6/03

Date

Dr. Vassilios Papadopoulos